

ABSTRACT OF THE DISCLOSURE

0040 A wafer cassette pod that is equipped with at least one position sensing device to avoid the accidental falling of a cassette pod door resulting in wafer breakage. The wafer cassette pod is provided with at least one position sensing device mounted in the sidewall of the cassette pod with a finger member protruding from the end surface of the sidewall forming the cassette pod opening. When the wafer cassette pod is not properly positioned, or docked on the loadport, the spring force of the position sensing device pushes the cassette pod away from the entrance of the loadport and thus, preventing the accidental falling of a cassette pod door resulting in possible wafer breakage problems.